

# How to configure OPAM in order to get it up and running?

## 1. Configure the Identity Store for OPAM

We can use the default embedded server within Weblogic as our Identity Store for OPAM. We do not have to configure new Authentication Provider in Weblogic - use the **DefaultAuthenticator**

Settings for myrealm

Configuration Users and Groups Roles and Policies Credential Mappings **Providers** Migration

**Authentication** Password Validation Authorization Adjudication Role Mapping Auditing Credential Mapping Certification Path Keystores

An Authentication provider allows WebLogic Server to establish trust by validating a user. You must have one Authentication provider in a security realm, and you can configure multiple Authentication providers in a security realm. Different types of Authentication providers are designed to access different data stores, such as LDAP servers or DBMS. You can also configure a Realm Adapter Authentication provider that allows you to work with users and groups from previous releases of WebLogic Server.

[Customize this table](#)

**Authentication Providers**

New Delete Reorder Showing 1 to 3 of 3 Previous | Next

<input type="checkbox"/>	Name	Description	Version
<input checked="" type="checkbox"/>	DefaultAuthenticator	WebLogic Authentication Provider	1.0
<input type="checkbox"/>	DefaultIdentityAsserter	WebLogic Identity Assertion provider	1.0
<input type="checkbox"/>	TrustServiceIdentityAsserter	Trust Service Identity Assertion Provider	1.0

New Delete Reorder Showing 1 to 3 of 3 Previous | Next

## 2. Configure OPAM specific admin roles

We need to assign the **Application Configurator** role to a user so that he can log into OPAM to execute operations

Remember, we are using the embedded **Weblogic LDAP server** as our Identity Store, and we are going to add a user to it

Add a user in the Identity Store

**ORACLE WebLogic Server® Administration Console**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: opam\_domain

Home > OracleSystemUser > Users and Groups > user1 > Users and Groups > myrealm > Providers > myrealm > Summary of Security Realms

### Summary of Security Realms

A security realm is a container for the mechanisms—including users, groups, security roles, security policies, and security providers—that are used to protect WebLogic resources. You can have multiple security realms in a WebLogic Server domain, but only one can be set as the default (active) realm.

This Security Realms page lists each security realm that has been configured in this WebLogic Server domain. Click the name of the realm to explore and configure that realm.

[Customize this table](#)

Realms (Filtered - More Columns Exist)

Name	Default Realm
myrealm	true

Showing 1 to 1 of 1 Previous | Next

**Domain Structure**

- opam\_domain
  - Environment
  - Deployments
  - Services
  - Security Realms**
  - Interoperability
  - Diagnostics

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: opam\_domain

Home > user1 > Users and Groups > user1 > Users and Groups > myrealm > Providers > myrealm > Summary of Security Realms > myrealm > Users and Groups

### Settings for myrealm

Configuration **Users and Groups** Roles and Policies Credential Mappings Providers Migration

**Users** Groups

This page displays information about each user that has been configured in this security realm.

[Customize this table](#)

**Users**

Name	Description	Provider
OracleSystemUser	Oracle application software system user.	DefaultAuthenticator
weblogic	This user is the default administrator.	DefaultAuthenticator

Showing 1 to 2 of 2 Previous | Next

Create a New User

OK

Cancel

User Properties

The following properties will be used to identify your new User.  
\* Indicates required fields

What would you like to name your new User?

\* Name:

opamadmin

How would you like to describe the new User?

Description:

Admin account for OPAM

Please choose a provider for the user.

Provider:

DefaultAuthenticator ▼

The password is associated with the login name for the new User.

\* Password:

.....

\* Confirm Password:

.....

OK

Cancel

Messages

✔ User created successfully

Settings for myrealm

Configuration

Users and Groups

Roles and Policies

Credential Mappings

Providers

Migration

Users

Groups

This page displays information about each user that has been configured in this security realm.

Customize this table

Users

New

Delete

Showing 1 to 3 of 3 Previous | Next

<input type="checkbox"/>	Name ↕	Description	Provider
<input type="checkbox"/>	opamadmin	Admin account for OPAM	DefaultAuthenticator
<input type="checkbox"/>	OracleSystemUser	Oracle application software system user.	DefaultAuthenticator
<input type="checkbox"/>	weblogic	This user is the default administrator.	DefaultAuthenticator

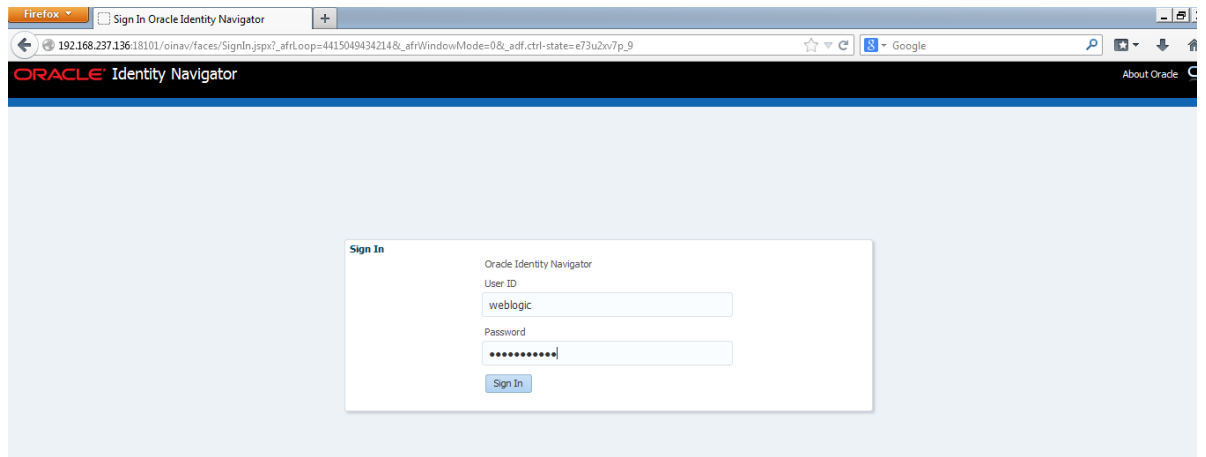
New

Delete

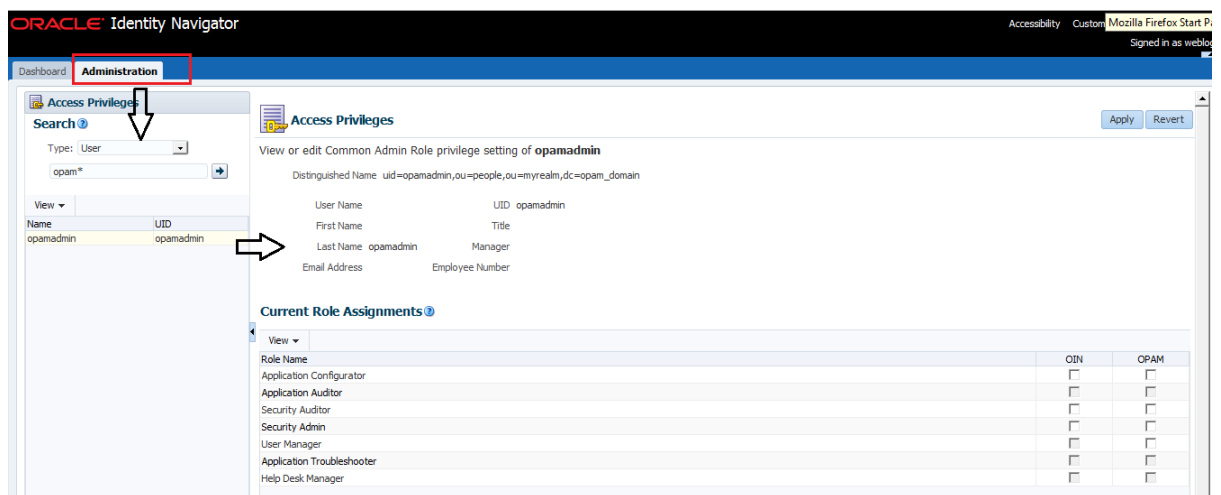
Showing 1 to 3 of 3 Previous | Next

Assign OPAM specific roles to this user

Log into OIN



Go to Administration tab and search for the user you created above



Choose your desired roles

**Access Privileges** Apply Revert

View or edit Common Admin Role privilege setting of **opamadmin**

Distinguished Name: uid=opamadmin,ou=people,ou=myrealm,dc=opam\_domain

User Name: UID opamadmin

First Name: Title

Last Name: opamadmin Manager

Email Address: Employee Number

**Current Role Assignments**

Role Name	OIN	OPAM
Application Configurator	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Application Auditor	<input type="checkbox"/>	<input type="checkbox"/>
Security Auditor	<input type="checkbox"/>	<input type="checkbox"/>
Security Admin	<input type="checkbox"/>	<input type="checkbox"/>
User Manager	<input type="checkbox"/>	<input type="checkbox"/>
Application Troubleshooter	<input type="checkbox"/>	<input type="checkbox"/>
Help Desk Manager	<input type="checkbox"/>	<input type="checkbox"/>

### 3. Disable TDE mode

(This only needs to be done if you skipped Section 9.4 during OPAM configuration - [http://docs.oracle.com/cd/E40329\\_01/install.1112/e49521/opam.htm#CFHGGGCI](http://docs.oracle.com/cd/E40329_01/install.1112/e49521/opam.htm#CFHGGGCI))

```
export ORACLE_HOME=/u01/Oracle/Middleware/Oracle_IDM1
```

```
export JAVA_HOME=/u01/jdk1.7.0_45
```

```
cd /u01/Oracle/Middleware/Oracle_IDM1/opam/bin
```

```
./opam.sh -url https://192.168.237.136:18102/opam -x modifyglobalconfig -propertyname  
tdemode -propertyvalue false -u opamadmin -p password123
```

```
oracle@localhost:/u01/Oracle/Middleware/Oracle_IDM1/opam/bin
File Edit View Terminal Tabs Help
[oracle@localhost bin]$ export ORACLE_HOME=/u01/Oracle/Middleware/Oracle_IDM1
[oracle@localhost bin]$ export JAVA_HOME=/u01/jdk1.7.0_45
[oracle@localhost bin]$ pwd
/u01/Oracle/Middleware/Oracle_IDM1/opam/bin
[oracle@localhost bin]$ ./opam.sh -url https://192.168.237.136:18102/opam -x modifyglobalconfig -propertyname tdemode -propertyvalue false -u opamadmin -p password123
Using OPAM Server URL: https://192.168.237.136:18102/opam
Global Config updated Successfully
[oracle@localhost bin]$
```

#### 4. Log into OPAM console to confirm

